

TABLE 17

**State agency expenditures for R&D and R&D plant, by state, department or agency, and R&D performer: FY 2020**

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
United States <sup>b</sup>	2,444,981,212	692,719,374	1,752,261,838	9,786,932
Alabama	25,695,555	13,704,571	11,990,984	0
Choctawhatchee, Pea and Yellow Rivers Watershed Management Authority	4,000	0	4,000	0
Commerce, Department of	3,000,000	0	3,000,000	0
Conservation and Natural Resources, Department of; Wildlife and Freshwater Fisheries Division	1,930,023	280,032	1,649,991	0
Education, Department of	9,755,650	9,104,650	651,000	0
Forensic Sciences, Department of	262,993	262,993	0	0
Geological Survey	2,470,957	2,470,957	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	1,585,939	1,585,939	0	0
Supercomputer Authority	3,028,045	0	3,028,045	0
Transportation, Department of	3,657,948	0	3,657,948	0
Alaska	15,193,507	10,745,451	4,448,056	0
Environmental Conservation, Department of	474,542	19,763	454,779	0
Housing Finance Corporation	500,000	0	500,000	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	8,878,600	8,878,600	0	0
Railroad Corporation	3,824,365	1,712,088	2,112,277	0
Transportation and Public Facilities, Department of	1,516,000	135,000	1,381,000	0
Arizona	16,010,502	1,562,435	14,448,067	0
Agriculture, Department of	1,220,812	0	1,220,812	0
Game and Fish Department	1,361,376	1,002,814	358,562	0
Health Services, Department of	11,085,857	0	11,085,857	0
Juvenile Corrections, Department of	559,621	559,621	0	0
Transportation, Department of	1,782,836	0	1,782,836	0
Arkansas	19,921,168	189,018	19,732,150	0
Agriculture, Department of	251,460	0	251,460	0
Beef Council	40,223	0	40,223	0
Corn and Grain Sorghum Board	965,000	0	965,000	0
Economic Development Commission	5,446,430	0	5,446,430	0
Game and Fish Commission	954,281	0	954,281	0
Natural Heritage Commission	274,611	142,678	131,933	0
Rice Research and Promotion Board	8,623,500	0	8,623,500	0
Soybean Promotion Board	2,625,555	0	2,625,555	0
Transportation, Department of	690,108	46,340	643,768	0
Wheat Promotion Board	50,000	0	50,000	0
California	533,900,597	81,087,677	452,812,920	0
Air Resources Board	16,709,642	10,222,932	6,486,710	0
Children and Families Commission (First 5 California)	3,518,680	0	3,518,680	0
Conservation, Department of	1,143,000	398,000	745,000	0
Corrections and Rehabilitation, Department of	1,974,791	0	1,974,791	0
Covered California	3,209,181	0	3,209,181	0
Delta Stewardship Council	5,602,379	0	5,602,379	0
Earthquake Authority	2,664,000	500,000	2,164,000	0
Energy Commission	219,532,543	19,478,336	200,054,207	0
Environmental Health Hazard Assessment, Office of	19,726,954	17,372,704	2,354,250	0
Food and Agriculture, Department of	4,213,376	0	4,213,376	0
Forestry and Fire Protection, Department of	3,500,000	500,000	3,000,000	0
Horse Racing Board	627,442	0	627,442	0
Housing and Community Development, Department of	75,000	0	75,000	0

TABLE 17

## State agency expenditures for R&amp;D and R&amp;D plant, by state, department or agency, and R&amp;D performer: FY 2020

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Institute for Regenerative Medicine	127,546,003	0	127,546,003	0
Mental Health Services Oversight and Accountability Commission	2,500,000	0	2,500,000	0
Motor Vehicles, Department of	1,401,521	1,401,521	0	0
Pesticide Regulation, Department of	14,088,416	10,404,433	3,683,983	0
Public Health, Department of	3,370,497	1,351	3,369,146	0
Public Utilities Commission, Executive Division	37,000,000	0	37,000,000	0
Rehabilitation, Department of	2,814,595	439,191	2,375,404	0
State Coastal Conservancy	1,620,693	0	1,620,693	0
State Water Resources Control Board	17,957,684	3,188,854	14,768,830	0
Transportation, Department of	41,248,806	15,881,012	25,367,794	0
Water Resources, Department of	1,855,394	1,299,343	556,051	0
Colorado	34,365,638	12,047,699	22,317,939	0
Agriculture, Department of	635,148	305,327	329,821	0
Economic Development and International Trade, Office of	15,456,483	0	15,456,483	0
Higher Education Competitive, Research Authority	2,455,224	0	2,455,224	0
Higher Education, Department of	124,839	53,135	71,704	0
Natural Resources, Department of	8,002,949	7,914,944	88,005	0
Public Health and Environment, Department of	3,808,558	2,344,944	1,463,614	0
Public Safety, Department of	826,494	826,494	0	0
Transportation, Department of	2,833,633	602,855	2,230,778	0
Wine Industry Development Board	222,310	0	222,310	0
Connecticut	58,810,853	25,868,030	32,942,823	0
Agricultural Experiment Station	12,445,226	12,445,226	0	0
Children and Families, Department of	604,461	0	604,461	0
Education, Department of	429,097	0	429,097	0
Energy and Environmental Protection, Department of	7,498,136	6,802,949	695,187	0
Innovation Inc.	27,245,173	0	27,245,173	0
Mental Health and Addiction Services, Department of	6,310,349	6,310,349	0	0
Public Health, Department of	27,000	0	27,000	0
Social Services, Department of	1,516,916	0	1,516,916	0
Transportation, Department of	2,734,495	309,506	2,424,989	0
Delaware	3,598,156	2,312,965	1,285,191	0
Geological Survey	2,183,965	2,133,165	50,800	0
Natural Resources and Environmental Control, Department of	159,000	159,000	0	0
Sustainable Energy Utility	20,800	20,800	0	0
Transportation, Department of	1,234,391	0	1,234,391	0
District of Columbia	5,860,668	2,510,818	3,349,850	0
Energy and Environment, Department of	1,550,000	230,000	1,320,000	0
Forensic Sciences, Department of	114,283	114,283	0	0
Health, Department of	1,957,090	1,037,450	919,640	0
Transportation, Department of	239,295	129,085	110,210	0
Water and Sewer Authority	2,000,000	1,000,000	1,000,000	0
Florida	184,600,202	52,430,371	132,169,831	5,209,705
Agriculture and Consumer Services, Department of	22,450,768	2,169,058	20,281,710	0
Business and Professional Regulation, Department of	88,406	0	88,406	0
Citrus, Department of	1,127,588	156,535	971,053	0
Environmental Protection, Department of	217,759	0	217,759	0
Fish and Wildlife Conservation Commission	56,278,906	48,601,987	7,676,919	5,209,705
Health, Department of	91,114,600	0	91,114,600	0

TABLE 17

**State agency expenditures for R&D and R&D plant, by state, department or agency, and R&D performer: FY 2020**

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Space Florida	1,299,010	0	1,299,010	0
Transportation, Department of	12,023,165	1,502,791	10,520,374	0
Georgia	15,877,238	2,648,196	13,229,042	0
Natural Resources, Department of	997,526	214,928	782,598	0
Seed Development Commission	255,642	0	255,642	0
Southern States Energy Board	8,092,378	2,433,268	5,659,110	0
Transportation, Department of	6,531,692	0	6,531,692	0
Hawaii	11,122,545	6,531,042	4,591,503	0
Agriculture, Department of	702,000	384,418	317,582	0
Business, Economic Development, and Tourism, Department of	7,297,767	5,996,624	1,301,143	0
Land and Natural Resources, Department of	385,278	0	385,278	0
Natural Energy Laboratory	2,250,000	150,000	2,100,000	0
Transportation, Department of	487,500	0	487,500	0
Idaho	21,882,976	7,967,885	13,915,091	5,000
Agriculture, Department of	900,539	1,300	899,239	0
Alfalfa and Clover Seed Commission	1,500	0	1,500	0
Barley Commission	238,859	0	238,859	5,000
Bean Commission	28,220	0	28,220	0
Beef Council	88,187	0	88,187	0
Commerce, Department of	953,711	0	953,711	0
Dairy West	2,900,000	0	2,900,000	0
Environmental Quality, Department of	450,000	0	450,000	0
Fish and Game, Department of	10,381,981	7,845,168	2,536,813	0
Honey Commission	1,500	0	1,500	0
Oilseed Commission	62,000	0	62,000	0
Pea and Lentil Commission	73,418	0	73,418	0
Potato Commission	1,596,042	0	1,596,042	0
Transportation Department	3,069,711	121,417	2,948,294	0
Wheat Commission	1,137,308	0	1,137,308	0
Illinois	16,055,917	626,262	15,429,655	0
Children and Family Services, Department of	2,559,932	0	2,559,932	0
Human Services, Department of	244,978	0	244,978	0
Nutrient Research and Education	3,140,385	0	3,140,385	0
Public Health, Department of	399,924	0	399,924	0
Transportation, Department of	9,710,698	626,262	9,084,436	0
Indiana	9,591,408	92,268	9,499,140	0
Economic Development Corporation	595,000	0	595,000	0
Environmental Management, Department of	56,764	0	56,764	0
Natural Resources, Department of	100,000	0	100,000	0
St. Joseph River Basin Commission	105,000	5,000	100,000	0
Transportation, Department of	8,734,644	87,268	8,647,376	0
Iowa	12,348,062	3,430,444	8,917,618	0
Beef Industry Council	60,000	0	60,000	0
Corrections	470,931	470,931	0	0
Human Rights, Criminal and Juvenile Justice Planning, Division of, Department of	417,493	417,493	0	0
Natural Resources, Department of	4,170,756	2,542,020	1,628,736	0
Transportation, Department of	7,228,882	0	7,228,882	0
Kansas	13,152,904	999,734	12,153,170	0
Corn Commission	871,765	0	871,765	0

TABLE 17

## State agency expenditures for R&amp;D and R&amp;D plant, by state, department or agency, and R&amp;D performer: FY 2020

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Grain Sorghum Commission	445,300	0	445,300	0
Soybean Commission	1,200,000	0	1,200,000	0
State Board of Regents	998,756	5,491	993,265	0
Sunflower Commission	20,000	0	20,000	0
Transportation, Department of	3,637,912	937,241	2,700,671	0
Water Office	429,361	57,002	372,359	0
Wheat Commission	1,138,289	0	1,138,289	0
Wildlife, Parks, and Tourism, Department of	4,411,521	0	4,411,521	0
Kentucky	26,782,125	1,752,643	25,029,482	0
Behavioral Health, Developmental and Intellectual Disabilities	67,500	0	67,500	0
Economic Development, Cabinet for	3,051,000	0	3,051,000	0
Fish and Wildlife Resources, Department of	2,008,546	1,752,643	255,903	0
Horse Racing Commission	430,748	0	430,748	0
Nature Preserves, Office of	34,200	0	34,200	0
Postsecondary Education, Council on	9,939,022	0	9,939,022	0
Public Health, Department for	3,336,309	0	3,336,309	0
Public Service Commission	21,000	0	21,000	0
Soybean Promotion Board	658,864	0	658,864	0
Transportation Cabinet	7,234,936	0	7,234,936	0
Louisiana	32,360,516	11,101,353	21,259,163	150,000
Board of Regents	12,728,300	0	12,728,300	0
Coastal Protection and Restoration Authority	3,436,344	475,534	2,960,810	0
Education, Department of	394,664	326,982	67,682	0
Transportation and Development, Department of	9,200,000	4,500,000	4,700,000	150,000
Wildlife and Fisheries, Department of	6,601,208	5,798,837	802,371	0
Maine	29,035,990	4,038,999	24,996,991	0
Agriculture, Conservation and Forestry, Department of	1,511,473	565,473	946,000	0
Inland Fisheries and Wildlife, Department of	1,080,841	763,201	317,640	0
Marine Resources, Department of	2,458,575	2,348,325	110,250	0
Technology Institute	23,161,101	0	23,161,101	0
Transportation, Department of	824,000	362,000	462,000	0
Maryland	33,407,022	659,436	32,747,586	0
Education, Department of	1,160,456	0	1,160,456	0
Energy Administration	1,026,832	0	1,026,832	0
Health and Mental Hygiene, Department of	15,000,000	0	15,000,000	0
Natural Resources, Department of	607,906	79,183	528,723	0
Technology Development Corporation	10,964,344	0	10,964,344	0
Transportation, Department of	4,647,484	580,253	4,067,231	0
Massachusetts	31,700,411	9,681,990	22,018,421	0
Clean Energy Technology Center	4,008,011	0	4,008,011	0
Environmental Protection, Department of	309,872	248,990	60,882	0
Fish and Game, Department of	9,493,000	9,333,000	160,000	0
Gaming Commission	2,670,000	0	2,670,000	0
Life Sciences Center	1,030,299	0	1,030,299	0
Massventures	3,100,000	0	3,100,000	0
Mental Health, Department of	1,800,000	0	1,800,000	0
Public Health, Department of	1,849,229	0	1,849,229	0
Technology Park Corporation	3,175,000	0	3,175,000	0
Transportation, Department of	4,065,000	0	4,065,000	0

TABLE 17

## State agency expenditures for R&amp;D and R&amp;D plant, by state, department or agency, and R&amp;D performer: FY 2020

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Water Resources Authority	200,000	100,000	100,000	0
Michigan	11,191,816	527,096	10,664,720	0
Agriculture and Rural Development, Department of	3,316,092	0	3,316,092	0
Environmental, Great Lakes and Energy, Department of	1,265,405	527,096	738,309	0
Transportation, Department of	6,610,319	0	6,610,319	0
Minnesota	20,511,698	2,583,398	17,928,300	0
Agriculture, Department of	6,203,140	886,703	5,316,437	0
Forest Resources Council	150,000	100,000	50,000	0
Natural Resources, Department of	1,941,631	1,591,195	350,436	0
Pollution Control Agency	25,981	0	25,981	0
Transportation, Department of	12,190,946	5,500	12,185,446	0
Mississippi	10,268,396	1,236,050	9,032,346	0
Agriculture and Commerce, Department of	180,501	0	180,501	0
Environmental Quality, Department of	1,804,582	110,635	1,693,947	0
Gulf States Marine Fisheries Commission	1,100,424	0	1,100,424	0
Marine Resources, Department of	1,060,182	304,290	755,892	0
Transportation, Department of	4,417,666	3,071	4,414,595	0
Wildlife, Fisheries, and Parks, Department of	1,705,041	818,054	886,987	0
Missouri	14,826,364	8,112,983	6,713,381	0
Agriculture, Department of	95,763	0	95,763	0
Conservation, Department of	10,860,153	8,068,161	2,791,992	0
Health and Senior Services, Department of	29,761	29,761	0	0
Mental Health, Department of	121,250	0	121,250	0
Natural Resources, Department of	743,537	15,061	728,476	0
Technology Corporation	582,296	0	582,296	0
Transportation, Department of	1,557,401	0	1,557,401	0
Wine and Grape Board	836,203	0	836,203	0
Montana	13,131,022	6,104,413	7,026,609	0
Agriculture, Department of	3,566,938	0	3,566,938	0
Environmental Quality, Department of	92,296	92,296	0	0
Fish, Wildlife and Parks, Department of	7,640,799	5,916,231	1,724,568	0
Natural Resources and Conservation, Department of	20,000	0	20,000	0
Transportation, Department of	1,810,989	95,886	1,715,103	0
Nebraska	32,423,818	2,342,783	30,081,035	0
Agriculture, Department of	645,372	0	645,372	0
Corn Board	803,068	0	803,068	0
Dairy Industry Development Board	87,654	0	87,654	0
Dry Bean Commission	290,954	0	290,954	0
Economic Development, Department of	2,184,835	0	2,184,835	0
Game and Parks Commission	5,798,854	2,332,795	3,466,059	0
Grain Sorghum Board	3,672	0	3,672	0
Health and Human Services, Department of	19,453,501	0	19,453,501	0
Natural Resources, Department of	958,089	9,988	948,101	0
Transportation, Department of	1,909,404	0	1,909,404	0
Wheat Board	288,415	0	288,415	0
Nevada	4,764,898	188,146	4,576,752	0
Agriculture, Department of	188,146	188,146	0	0
Economic Development, Governor's office of	3,055,388	0	3,055,388	0
Transportation, Department of	1,521,364	0	1,521,364	0

TABLE 17

**State agency expenditures for R&D and R&D plant, by state, department or agency, and R&D performer: FY 2020**

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
New Hampshire	8,221,518	49,309	8,172,209	0
Agriculture, Markets and Food, Department of	146,743	0	146,743	0
Business and Economic Affairs, Department of	7,275,000	0	7,275,000	0
Transportation, Department of	799,775	49,309	750,466	0
New Jersey	23,754,925	2,624,342	21,130,583	0
Children and Families, Department of	237,423	181,115	56,308	0
Corrections, Department of	305,895	305,895	0	0
Environmental Protection, Department of	2,608,000	1,802,000	806,000	0
Health, Department of	940,186	0	940,186	0
Pinelands Commission	537,794	335,332	202,462	0
Research Initiatives, Office of	13,000,000	0	13,000,000	0
Secretary of Higher Education, Office of	3,000,000	0	3,000,000	0
Transit, New Jersey	511,533	0	511,533	0
Transportation, Department of	2,614,094	0	2,614,094	0
New Mexico	5,227,599	2,594,660	2,632,939	0
Cultural Affairs, Department of	103,000	103,000	0	0
Game and Fish, Department of	1,000,000	500,000	500,000	0
Transportation, Department of	3,383,320	1,991,660	1,391,660	0
Western State Air Resources Council	741,279	0	741,279	0
New York	453,807,331	278,751,443	175,055,888	640,000
Agriculture and Markets, Department of	6,587,196	2,290,000	4,297,196	0
Economic Development, Department of	34,942,880	0	34,942,880	0
Energy Research and Development Authority	63,800,898	8,152,894	55,648,004	0
Environmental Conservation, Department of	11,066,820	4,490,190	6,576,630	0
Health, Department of	74,723,334	32,566,879	42,156,455	0
Mental Health, Office of	166,944,173	144,972,379	21,971,794	640,000
People with Developmental Disabilities, Office of	2,136,105	2,136,105	0	0
Power Authority	11,111,406	5,915,635	5,195,771	0
Roswell Park Comprehensive Cancer Center	66,297,074	66,297,074	0	0
State Museum	10,578,496	10,089,582	488,914	0
Thoroughbred Breeding and Development Fund Corp.	234,030	0	234,030	0
Transportation, Department of	5,384,919	1,840,705	3,544,214	0
North Carolina	35,892,185	17,813,294	18,078,891	1,000,000
Agriculture and Consumer Services, Department of	15,422,911	13,922,911	1,500,000	1,000,000
Biotechnology Center	3,810,296	0	3,810,296	0
Environmental Quality, Department of	3,621,969	1,421,353	2,200,616	0
Natural and Cultural Resources, Department of	2,903,776	1,690,939	1,212,837	0
Transportation, Department of	10,033,233	778,091	9,255,142	0
Wine and Grape Growers Council	100,000	0	100,000	0
North Dakota	18,065,251	346,342	17,718,909	0
Agriculture, Department of	817,049	0	817,049	0
Dairy Promotion Commission	16,000	0	16,000	0
Dry Pea and Lentil Council	80,683	0	80,683	0
Game and Fish Department	789,902	0	789,902	0
Historical Society of North Dakota	223,743	223,743	0	0
Industrial Commission	10,111,495	0	10,111,495	0
Soybean Council	1,163,242	0	1,163,242	0
Transportation, Department of	3,635,470	122,599	3,512,871	0
Wheat Commission	1,227,667	0	1,227,667	0

TABLE 17

## State agency expenditures for R&amp;D and R&amp;D plant, by state, department or agency, and R&amp;D performer: FY 2020

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Ohio	76,169,661	2,005,523	74,164,138	0
Development Services Agency	63,372,408	0	63,372,408	0
Education, Department of	460,000	0	460,000	0
Environmental Protection Agency	53,352	53,352	0	0
Mental Health and Addictions Services, Department of	1,500,000	0	1,500,000	0
Natural Resources, Department of	3,583,207	1,952,171	1,631,036	0
Rail Development Commission	220,000	0	220,000	0
Transportation, Department of	6,029,317	0	6,029,317	0
Water Development Authority	951,377	0	951,377	0
Oklahoma	30,050,338	2,015,986	28,034,352	243,500
Advancement of Science and Technology, Center for the	8,704,830	0	8,704,830	243,500
Agriculture, Food, and Forestry, Department of	454,578	0	454,578	0
Grand River Dam Authority	550,000	140,000	410,000	0
Health, Department of	544,357	527,041	17,316	0
Human Services, Department of	457,147	457,147	0	0
Tobacco Settlement Endowment Trust	12,300,000	0	12,300,000	0
Transportation, Department of	5,817,457	844,589	4,972,868	0
Wildlife Conservation, Department of	1,221,969	47,209	1,174,760	0
Oregon	30,486,113	15,852,036	14,634,077	700,000
Agriculture, Department of	206,521	0	206,521	0
Business Oregon	9,190,000	0	9,190,000	700,000
Education, Department of	639,639	639,639	0	0
Environmental Quality, Department of	433,500	433,500	0	0
Fish and Wildlife, Department of	12,424,618	11,265,588	1,159,030	0
Forestry, Department of	694,549	449,480	245,069	0
Geology and Mineral Industries, Department of	496,117	496,117	0	0
Human Services, Department of	1,488,479	1,488,479	0	0
Transportation, Department of	2,460,479	81,545	2,378,934	0
Water Resources Department	1,583,355	987,464	595,891	0
Watershed Enhancement Board	868,856	10,224	858,632	0
Pennsylvania	103,098,941	7,874,722	95,224,219	0
Agriculture, Department of	3,877,434	0	3,877,434	0
Community and Economic Development, Department of	31,350,000	0	31,350,000	0
Conservation and Natural Resources, Department of	1,248	1,248	0	0
Environmental Protection, Department of	894,656	18,052	876,604	0
Fish and Boat Commission	270,914	161,651	109,263	0
Game Commission	9,876,885	7,358,771	2,518,114	0
Health, Department of	53,279,107	0	53,279,107	0
Susquehanna River Basin Commission	335,000	335,000	0	0
Transportation, Department of	3,213,697	0	3,213,697	0
Rhode Island	4,594,040	3,098,833	1,495,207	46,478
Commerce Corporation	1,119,546	0	1,119,546	0
Environmental Management, Department of; Marine Fisheries	3,097,546	2,799,416	298,130	46,478
Environmental Management, Department of; Narragansett Bay National Estuarine Research Reserve	76,014	76,014	0	0
Water Resources Board	300,934	223,403	77,531	0
South Carolina	46,800,816	27,894,342	18,906,474	450
Agriculture, Department of	803,873	0	803,873	0
Disabilities and Special Needs, Department of	14,226,376	0	14,226,376	0



TABLE 17

## State agency expenditures for R&amp;D and R&amp;D plant, by state, department or agency, and R&amp;D performer: FY 2020

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Health and Environmental Control, Department of	1,388,752	1,233,275	155,477	0
Natural Resources, Department of	25,080,757	24,796,999	283,758	450
Public Service Authority	30,000	0	30,000	0
Research Authority	726,551	0	726,551	0
Sea Grant Consortium	2,742,872	1,843,674	899,198	0
Transportation, Department of	1,801,635	20,394	1,781,241	0
South Dakota	2,913,274	327,346	2,585,928	0
Corn Utilization Council	310,000	0	310,000	0
Oilseeds Council	250,865	0	250,865	0
Pulse Crop Council	2,273	0	2,273	0
Science and Technology Authority	16,021	0	16,021	0
Soybean Research and Promotion Council	375,717	25,724	349,993	0
Transportation, Department of	1,321,098	301,622	1,019,476	0
Weed and Pest Control Commission	47,000	0	47,000	0
Wheat Commission	590,300	0	590,300	0
Tennessee	7,039,923	1,607,509	5,432,414	0
Education, Department of	3,363,577	1,052,595	2,310,982	0
Environment and Conservation, Department of	843,184	372,341	470,843	0
Geological Survey	182,573	182,573	0	0
Transportation, Department of	2,650,589	0	2,650,589	0
Texas	205,206,977	3,165,023	202,041,954	0
Agriculture, Department of	1,151,413	0	1,151,413	0
Alzheimer's Research and Care Consortium (TARCC)	4,615,313	0	4,615,313	0
Cancer Prevention and Research Institute	169,450,936	0	169,450,936	0
Environmental Quality, Commission on	2,135,774	42,206	2,093,568	0
Parks and Wildlife Department	4,858,066	2,470,790	2,387,276	0
State Health Services, Department of	1,838,827	652,027	1,186,800	0
Transportation, Department of	20,694,167	0	20,694,167	0
Water Development Board	462,481	0	462,481	0
Utah	9,205,399	6,070,743	3,134,656	4,900
Energy Development, Office of	500,540	0	500,540	3,900
Environmental Quality, Department of	716,389	103,210	613,179	0
Health, Department of	4,850	4,850	0	0
Natural Resources, Department of	4,841,922	4,841,922	0	0
Transportation, Department of	3,141,698	1,120,761	2,020,937	1,000
Vermont	1,669,900	633,399	1,036,501	0
Agriculture, Food, and Markets, Agency of	282,511	0	282,511	0
Education, Agency of	90,998	0	90,998	0
Human Services, Agency of	215,000	215,000	0	0
Transportation, Agency of	1,081,391	418,399	662,992	0
Virginia	35,552,565	12,627,565	22,925,000	1,190,001
Aging and Rehabilitative Services, Department of	32,746	28,028	4,718	0
Agriculture and Consumer Services, Department of	2,362,121	0	2,362,121	0
Commonwealth Health Research Board	1,399,997	0	1,399,997	0
Environmental Quality, Department of	103,612	34,102	69,510	0
Forensic Science, Department of	971,793	971,793	0	199,412
Forestry, Department of	577,211	533,801	43,410	0
Foundation for Healthy Youth	884,774	0	884,774	0
Innovative Technology, Center for	6,074,557	674,351	5,400,206	0



TABLE 17

## State agency expenditures for R&amp;D and R&amp;D plant, by state, department or agency, and R&amp;D performer: FY 2020

(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Institute for Advanced Learning and Research	60,000	60,000	0	0
Marine Resources Commission	1,885,300	204,543	1,680,757	0
Mines, Minerals and Energy, Department of	903,212	903,212	0	0
Social Services, Department of	10,000	10,000	0	0
Transportation, Department of	18,616,858	9,207,735	9,409,123	990,589
Wildlife Resources, Department of	1,670,384	0	1,670,384	0
Washington	57,239,095	23,415,061	33,824,034	596,898
Agriculture, Department of	2,974,886	0	2,974,886	0
Alfalfa Seed Commission	34,000	0	34,000	0
Asparagus Commission	70,000	0	70,000	0
Blueberry Commission	252,900	0	252,900	0
Commerce, Department of	4,686,545	0	4,686,545	596,898
Dairy Products Commission	30,000	0	30,000	0
Ecology, Department of	1,053,172	887,977	165,195	0
Fish and Wildlife, Department of	9,811,591	9,569,456	242,135	0
Fruit Commission	146,911	0	146,911	0
Grain Commission	2,121,448	0	2,121,448	0
Health, Department of	1,113,483	1,057,809	55,674	0
Hop Commission	281,762	0	281,762	0
Labor and Industries, Department of	3,279,219	3,279,219	0	0
Mint Commission	73,825	0	73,825	0
Natural Resources, Department of	13,196,143	5,721,319	7,474,824	0
Oilseeds Commission	44,448	0	44,448	0
Pesticide Registration, Commission on	438,075	0	438,075	0
Potato Commission	760,097	0	760,097	0
Puget Sound Partnership	1,526,263	0	1,526,263	0
Pulse Crops Commission	159,243	0	159,243	0
Red Raspberry Commission	307,500	0	307,500	0
Transportation, Department of	4,890,000	1,293,000	3,597,000	0
Tree Fruit Research Commission	9,668,382	1,606,281	8,062,101	0
Turfgrass Seed Commission	64,018	0	64,018	0
Wine Commission	255,184	0	255,184	0
West Virginia	10,862,315	3,317,637	7,544,678	0
Agriculture, Department of	202,365	202,365	0	0
Geological and Economic Survey	1,854,645	1,576,721	277,924	0
Higher Education Policy Commission	5,483,928	400,180	5,083,748	0
Justice and Community Services, Division of	8,000	8,000	0	0
Natural Resources, Department of	1,285,162	1,130,371	154,791	0
Transportation, Department of	2,028,215	0	2,028,215	0
Wisconsin	14,340,014	4,674,607	9,665,407	0
Agriculture, Trade and Consumer Protection, Department of	985,099	0	985,099	0
Economic Development Corporation	3,825,000	0	3,825,000	0
Natural Resources, Department of	5,423,223	4,402,853	1,020,370	0
Transportation, Department of	4,106,692	271,754	3,834,938	0
Wyoming	6,391,060	2,875,496	3,515,564	0
Agriculture, Department of	561,674	0	561,674	0
Business Council	847,500	0	847,500	0
Corrections, Department of	123,280	123,280	0	0
Enhanced Oil Recovery Institute	1,500,000	1,000,000	500,000	0

TABLE 17  
State agency expenditures for R&D and R&D plant, by state, department or agency, and R&D performer: FY 2020  
(Dollars)

State and department or agency	R&D performers <sup>a</sup>			R&D plant
	All	Intramural	Extramural	
Game and Fish Department	1,689,237	1,476,267	212,970	0
State Geological Survey	184,676	184,676	0	0
Transportation, Department of	1,240,805	91,273	1,149,532	0
Water Development Office	243,888	0	243,888	0

<sup>a</sup> Intramural performers include a department's or agency's own employees who perform R&D and services performed by others in support of an internal R&D project. Extramural performers are those outside the department or agency who perform R&D.  
<sup>b</sup> U.S. total reflects all 50 states and the District of Columbia.

**Source(s):**  
National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2020.